



SEQUENCE LISTING

GENERAL INFORMATION:

- (i) APPLICANT: Dime, David S.
Backx, Peter
Kimmeldirk, Klaus
- (ii) TITLE OF INVENTION: Site-Specific Drug Delivery
- (iii) NUMBER OF SEQUENCES: 9
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Townsend and Townsend and Crew LLP
(B) STREET: Two Embarcadero Center, Eighth Floor
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94111-3834
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US 09/367,794
(B) FILING DATE: 19-AUG-1999
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: WO PCT/CA98/00133
(B) FILING DATE: 19-FEB-1998
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 60/066,635
(B) FILING DATE: 11-NOV-1997
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 60/042,911
(B) FILING DATE: 20-FEB-1997
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Snyder, Joseph R.
(B) REGISTRATION NUMBER: 39,381
(C) REFERENCE/DOCKET NUMBER: 018148-000130US
- (ix) TELECOMMUNICATION INFORMATION:
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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 33 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

```

Gly Thr Asn Gly Ser Val Glu Ala Asp Gly Leu Val Trp Glu Ser Leu
1          5          10          15
Asp Leu Tyr Leu Ser Asp Pro Glu Asn Tyr Leu Leu Lys Asn Gly Thr
20          25          30
Ser

```

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 211 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

```

Thr Ile Arg Gly Val Asp Thr Val Ser Arg Ser Ser Leu Glu Met Ser
1          5          10          15
Pro Leu Ala Pro Val Asn Ser His Glu Arg Arg Ser Lys Arg Arg Lys
20          25          30
Arg Met Ser Ser Gly Thr Glu Glu Cys Gly Glu Asp Arg Leu Pro Lys
35          40          45
Ser Asp Ser Glu Asp Gly Pro Arg Ala Met Asn His Leu Ser Leu Thr
50          55          60
Arg Gly Leu Ser Arg Thr Ser Met Lys Pro Arg Ser Ser Arg Gly Ser
65          70          75          80
Ile Phe Thr Phe Arg Arg Arg Asp Leu Gly Ser Glu Ala Asp Phe Ala
85          90          95
Asp Asp Glu Asn Ser Thr Ala Arg Glu Ser Glu Ser His His Thr Ser
100         105         110
Leu Leu Val Pro Trp Pro Leu Arg Arg Thr Ser Ala Gln Gly Gln Pro
115         120         125
Ser Pro Gly Thr Ser Ala Pro Gly His Ala Leu His Gly Lys Lys Asn
130         135         140
Ser Thr Val Asp Cys Asn Gly Val Val Ser Leu Leu Gly Ala Gly Asp
145         150         155         160
Pro Glu Ala Thr Ser Pro Gly Ser His Leu Leu Arg Pro Val Met Leu
165         170         175

```


(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

```

Met Gln Asp Ala Met Gly Tyr Glu Leu Pro Trp Val Tyr Phe Val Ser
1           5           10           15

Leu Val Ile Phe
                20

```

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

```

Val Asn Asp Ala Val Gly Arg Asp Trp Pro Trp Ile Tyr Phe Val Thr
1           5           10           15

Leu Ile Ile Ile
                20

```

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

```

Lys His Tyr Phe Cys Asp Ala Trp Asn Thr Phe Asp Ala Leu Ile Val
1           5           10           15

Val Gly Ser Ile Val Asp Ile Ala Ile Thr Glu Val His Pro
                20           25           30

```

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Lys Gly Tyr Phe Ser Asp Pro Trp Asn Val Phe Asp Phe Leu Ile Val
1 5 10 15

Ile Gly Ser Ile Ile Asp Val Ile Leu Ser Glu Thr Asn Pro
20 25 30

1 (2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 25 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

Arg Gly Thr Pro Ala Gly Leu His Ala Gln Lys Lys Gly Lys Phe Ala
1 5 10 15

Trp Phe Ser His Ser Thr Glu Thr His
20 25